

2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 30.09.2016 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		2-Jan-18		
1	KTPS (1240/1240)	202.00	244.00	201.86
2	STPS (1500/1500)	165.00	55.00	107.87
3	DHOLPUR GAS CCPP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	11.00	12.00	11.02
5	RAPP-A(200/200)	43.00	43.00	44.05
6	MAHI (140/140)	0.00	0.00	7.44
7	CHAMBAL (RPS+JS) (135.5/271)	38.62	38.62	39.82
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	164.00	160.90
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	421.00	417.00	403.38
11	WIND FARM (3980.40/4119.15)	47.00	73.50	21.68
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	3.06
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00
15	OPEN ACCESS	-4.95	7.66	6.45
16	BIOMASS – (101.95/119.25)	5.00	5.00	4.87
17	BARSINGHAR LTPS(250/250)	54.00	54.00	58.03
18	RAJWEST (1080/1080)	201.00	229.00	223.26
	TOTAL (A) : 1-18	1346.67	1342.78	1293.69
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	30.09	29.60	30.29
b)	DEHAR (198/ 990)	5.25	5.01	5.25
c)	PONG (231.66/396)	35.21	35.59	35.02
	TOTAL : a TO c	70.56	70.21	70.57
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	92.53	220.06	107.00
e)	RIHAND (310.24/3000)	130.49	129.71	129.89
f)	UNCHAHAHAR-I(20/420)	16.50	5.90	10.86
g)	UNCHAHAHAR-II& III(61/630)	35.05	23.50	27.72
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	17.21	16.63	15.81
j)	DADRI GAS (77/830)	5.49	14.25	17.85
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	9.89	9.89	9.89
n)	RAPP-B (125/440)	16.75	16.66	16.66
o)	RAPP-C (88/440)	20.10	19.96	19.96
p)	SALAL (20.36/690)	0.73	0.72	0.73
q)	URI (70.37/720)	3.39	3.72	3.12
r)	TANAKPUR (10.86/94)	0.39	0.38	0.40
s)	CHAMERA –I (105.84/540)	3.14	3.14	3.14
t)	CHAMERA-II (29.01/300)	1.02	1.06	1.06
u)	CHAMERA-III (25.21/231)	0.71	0.75	0.75
v)	DHAULIGANGA (27/280)	0.88	0.88	0.88
w)	DULHASTI (42.42/390)	2.50	2.94	2.50
x)	SEWA (13/120)	0.43	0.43	0.43
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	6.93	6.92	7.03
z)	TEHRI (75/1000)	7.01	7.01	7.01
aa)	KOTESHWAR (33.44/400) + PARBATI3 (56.73/520)	2.55	2.55	5.74
ab)	TALA	0.34	0.34	0.34
ac)	MUNDRA UMPP (380/4000)	65.29	72.96	72.96
ad)	SASAN (372/3960)	88.68	88.68	84.39
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	26.65	26.75	24.52
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULED(a TO af)	625.20	745.99	641.21
	LOSSES	-39.80	-49.32	-43.94
	NET SCHEDULED	585.40	696.67	597.28
21	BILATERAL (REG.) EXCL. BANKING	3.69	3.69	3.69
22	BANKING	15.74	15.74	15.74
23	BILATERAL(INTER-REG.). EXCLUDING (ISOA & BANKING)	113.16	112.83	113.16
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	4.95	-7.66	-6.45
25	INDIAN ENERGY EXCHANGE	-3.38	-6.65	-6.65
	TOTAL(B): (19 TO 25)	719.55	814.95	716.76
	TOTAL GENERATION (A +B) : 1 TO 25			2010.45
	OVER DRAWAL (+)/UNDER DRAWAL (-)			33.30
	GRAND TOTAL	2066.22	2157.73	2043.75
	LAST YEAR	1855.03	2066.95	1952.15

3.SYSTEM PARAMETERS AS ON 02-Jan-18

MAXIMUM DRAWL ON 02-Jan-18	10318 MW at 07.45-08.00Hrs 50 Hz
MINIMUM DRAWL ON 02-Jan-18	6350 MW at 04.00-04.15Hrs 49.96Hz
Max U/D of the day	714 MW at 04.00-07.15 HRS 49.96 Hz
Max. O/D below 49.7 Hz	MW at
No. of Blocks Freq. < 49.7 Hz	0
No. of Violation Blocks Freq. < 49.7 Hz	0
No. of Blocks in which Freq. >= 49.7 & <49.9 Hz	7
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	6
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	63
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	28
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	5
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	23
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	4
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	1
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	3
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	0
No. of Blocks in which Freq. >= 50.10	0
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	0
AVERAGE FREQ. FOR THE DAY 2-Jan-18	49.97 Hz
Max O/D of the day	582 MW at 10.15-10.30 HRS 49.93Hz
Frequency Profile	% of Time
LESS THAN 49.7 HZ	0.00
LESS THAN 49.90 HZ	14.47
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	76.35
ABOVE 50.05 HZ	9.18
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	70
No. of 132 KV Feeders Disconnected	0

4.WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	3-Jan-18	3-Jan-17		
Gandhi Sagar (Ft.)	1312	1250	1290.70	1307.51	8715	NA
R.P.Sagar (Ft.)	1157.5	1128	1137.16	1140.04	3402	10491
Jawahar Sagar (Ft.)	980	970.4	975.30	976.00	8267	12014
Kota Barrage(Ft.)	854.5	852.3	854.50	854.50		
RMC					6225	
LMC					1500	
Bhakra(Ft.)	1690	1462	1634.88	1600.62	18943	6048
Dehar (Ft.)	2941	2900	2923.68	2919.42	1448	1723
Pong(Ft.)	1421	1260	1344.30	1337.85	14013	2636
Mahi-I (Mts.)	281.5	259	277.95	278.55	3225	NIL
Mahi-II (Mts.)	220.5	217	217.35	218.25	0	NIL

5.POSITION OF COAL STOCK (In MT)

Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
3/Jan/18	KTPS	77818	4 DAYS
	STPS	58110	2.5 DAYS
	CHHABRA	165458	22 DAYS
	KALISINDH	54029	4 DAYS

6. GENERATING UNIT OUTAGE REPORT UP TO 8.00 HRS OF DT.

3/Jan/18

(A) PLANNED OUTAGE

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)	OUTAGE		EXPECT/REVIVAL		REASON OF OUTAGE
				DATE	TIME	DATE	TIME	
STATE SECTOR								
GIRAL	1	125.00	70	16.80	70	13-Jul-14	8.20	BED MATERIAL LEAKAGE (S/D W.E.F.15.07.14)
DCCPP	HRS02*	55.00	50	12.00	50	13-Jul-16	16.35	BOXED UP/PERMISSION GIVEN BY RVUNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END
DCCPP	GT02*	110.00	100	24.00	100	13-Jul-16	16.40	BOXED UP/PERMISSION GIVEN BY RVUNL ON DATE 17.08.17 BUT PROBLEM IN DCCPP END
STPS	2*	250.00	229	55.00	229	8-Dec-17	14.36	BOXED UP
STPS	6*	250.00	229	0.00	0	21-Dec-17	22.12	02.01.18 8.00 BOXED UP
STPS	5*	250.00	229	0.00	0	22-Dec-17	0.30	02.01.18 8.48 BOXED UP
STPS	3*	250.00	229	55.00	229	24-Dec-17	20.03	BOXED UP
DCCPP	HRS01	55.00	50	12.00	50	11-Dec-17	21.12	SYSTEM LINE VOLTAGE INCREASED(permission not granted by ruval end id msg no OP/12/730 dt 27.12.17 and op/12/790dt 30.12.17)
DCCPP	GT01	110.00	100	24.00	100	12-Dec-17	23.34	AIR INLET DIFFERENTIAL PRESSURE HIGH(permission not granted by ruval end id msg no OP/12/730 dt 27.12.17 and op/12/790dt 30.12.17)
Total(A) STATE SECTOR- PLANNED OUTAGE		1455.00	1286.00	198.80	828.00			

CENTRAL SECTOR

DADRI GPS	4	130.19	22	5.30	22	18-Oct-17	6.00	RESERVE SHUTDOWN
DADRI GPS	6	154.00	22	5.30	22	25-Oct-17	22.22	RESERVE SHUTDOWN
DADRI GPS	3	130.00	22	5.30	22	25-Oct-17	22.30	RESERVE SHUTDOWN
AURAIYA GPS	4	111.00	18	4.40	18	25-Oct-17	22.43	RESERVE SHUTDOWN
AURAIYA GPS	6	109.00	18	4.40	18	25-Oct-17	23.09	RESERVE SHUTDOWN
AURAIYA GPS	3	111.00	18	4.40	18	25-Oct-17	23.12	RESERVE SHUTDOWN
AURAIYA GPS	1	111.19	18	4.40	18	10-Nov-17	21.13	LESS DEMAND
ANTA GPS	2	88.71	31	7.50	31	10-Nov-17	21.50	LESS DEMAND
ANTA GPS	3	88.71	31	7.50	31	18-Dec-17	11.16	RESERVE SHUTDOWN
RAFP-B	4	220.00	63	15.07	63	19-Dec-17	0.07	GENERAL MAINTENANCE
AURAIYA GPS	5	109.00	18	4.40	18	19-Dec-17	19.42	RESERVE SHUTDOWN
AURAIYA GPS	2	111.19	18	4.40	18	19-Dec-17	19.53	RESERVE SHUTDOWN
DADRI GPS	1	130.19	22	5.30	22	19-Dec-17	19.58	RESERVE SHUTDOWN
Total(A) CENTRAL SECTOR- PLANNED OUTAGE		1604.18	320.80	77.67	320.80			

(B) FORCE OUTAGE

STATE SECTOR

STATE SECTOR

GIRAL	2	125.00	70	16.80	70	27-Jun-16	15.27	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-I
CHHABRA	3	250.00	210	54.00	210	13-Dec-17	12.27	10-Jun-18 ELECTRICAL PROTECTION/S/D @ 10.01.2018
RAMGARH	STG02	50.00	40	9.60	40	23-Dec-17	0.01	12-Jan-18 SD FOR HGPI & GENERATOR OVERHAULING WORK WILL BE CARRIED OUT OF GTS (21 DAYS)
RAMGARH	GT03	110.00	100	24.00	100	23-Dec-17	0.05	12-Jan-18 SD FOR HGPI & GENERATOR OVERHAULING WORK WILL BE CARRIED OUT OF GTS (21 DAYS)
RAMGARH	GT02	37.50	29	7.00	29	31-Dec-17	20.18	shutdown of FOCUS energy limited
STPS	1	250.00	229	55.00	229	1-Jan-18	6.39	GT PROTECTION RUCIBLOZ ALARM
ADANI	2	660.00	600	144.00	600	1-Jan-18	13.08	LJBS HOT SEC. AIR EXPANSION BELLOW DAMAGED
KTPS	2	110.00	100	23.00	100	1-Jan-18	23.51	DESYNCHRONIZED TO ATTEND BOILER TUBE LEAKAGE
KTPS	4	210.00	192	46.00	192	2-Jan-18	7.22	DRUM LEVEL LOW
RAJWEST	3	135.00	120	28.67	120	2-Jan-18	23.29	U-SEAL REFRACTORY DAMAGED
Total(B) STATE SECTOR-FORCED OUTAGE		1937.50	1689.50	408.67	1600.00			

CENTRAL SECTOR

UNCHAHAR	6	500.00	NA	NA	NA	1-Nov-17	15.40	FURNISH PRESSURE HIGH
ANTA GPS	4	153.20	34	8.20	34	18-Dec-17	0.00	ROTOR JAM
Total(B) CENTRAL SECTOR- FORCED OUTAGE		653.20	34.00	8.20	34.00			

G.TOTAL

416.27 1724.00

Note :- Loss of Generation shall not be considered in case unit is boxed up due to low demand (*), planned annual shut down (@) and COD is not declared (\$).